

兽医—研究报告

野猪YFM复方麻醉剂麻醉效果的研究

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摘要:

为了评价YFM复方麻醉剂对野猪的麻醉效果及生理功能的影响,本试验将YFM合剂以0.1mL/kg体重对野猪进行颈部肌肉注射实施全身麻醉,通过临床观察和麻醉监护仪监测野猪的麻醉效果和生理功能的变化。结果显示,YFM合剂麻醉野猪的诱导期为3.05±0.22min,麻醉期为60.20±1.72min,苏醒期为30.79±1.53min,并且其对野猪的镇静、镇痛和肌松效果良好;对呼吸和循环系统影响轻微,脉搏血氧饱和度维持在91.30±0.40%以上。试验证明,YFM合剂对野猪麻醉效果确实,对机体主要生理功能影响轻微。

关键词: 麻醉

Observation on the Anesthetic Effect Produced by YFM Anesthetic Preparation in Wild Boar

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Abstract:

To observe the anesthetic effect produced by YFM preparation in wild boar, YFM preparation was injected intramuscularly in wild boars at the dose of 0.1 ml/kg body weight. The anesthetic effects were observed by clinical observation, and the influences on circulatory respiratory functions were monitored by PHILIPS MP30 monitor. The results showed that the inductive, anesthetic and recovery periods produced by YFM preparation were 3.05±0.22min, 60.20±1.72min and 30.79±1.53min. YFM preparation produced satisfactory sedative, analgesic, muscle relaxing effects, and had a slight influence on the physiological indexes of the boars. The pulse oxygen saturation (SpO2) always maintained above 91.30±0.40% during anesthesia. The results indicated that YFM preparation can produce satisfactory anesthetic effects, and has little side effects.

Keywords: anesthesia

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